REMARKS

The title has been objected to as not descriptive. Applicant has amended the title to describe the subject matter of this application with greater precision.

The Abstract is objected to and has been amended to proper narrative form.

Claim 5 stands rejected under 35 U.S.C. §112, second paragraph as being indefinite and under 35 U.S.C. §103(a) as unpatentable over Skjervoll. Claims 1 and 3 stand rejected under 35 U.S.C. §102(b) as anticipated by Skjervoll, and claims 2, 4, 6 and 7 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Skjervoll.

Applicant has canceled claims 2, 3, 5 and 7 without prejudice or admission and has amended claims 1, 4 and 6 to state the invention with greater precision. All of the features in claims 4 and 6 as amended have antecedent bases. Applicant has also amended Fig. 2 by adding a cross sectional line extending through the elements (20, 21, 22, 23). The parts of the elements (20, 21, 22, 23) on left side of the cross sectional line are changed to be un-sectional. The other parts of the elements (20, 21, 22, 23) on right side of the cross sectional line remain.

Skjervoll discloses that the shell (15) is a first insulator (16) mounting the **projecting** tubular contact (18) (column 1, lines 50-51). With reference to Fig. 2 of Skjervoll, a distal end of the projecting tubular contact (18) protrudes from a distal end of the first insulator (16) and is not attached to the first insulator (16). Skjervoll also discloses that the shell (22) contains a third insulator (23) on which the tubular receiver (26) is mounted and holds the projecting tubular contact (18) (column 1, lines 55-56). The distal end of the tubular receiver (26) is separated from the outer surface of the insulator (23) so that a gap is defined between the distal end of the tubular receiver (26) and the insulator (23). The gap allows the distal end of the projecting tubular contact (18) to be inserted in the gap. However, without support from the insulator (16)

the protruding distal end of the tubular contact (18) is structurally weak and is easily damaged by multiple connections and disconnections of the two separable parts of the electrical connector. Therefore, the electrical connector of Skjervoll is not durable. Furthermore, second and fourth insulators (28, 24) of Skjervoll are respectively mounted on the tubular contact (18) and the tubular receiver (26) so that the structure of each separable part of Skjervoll's electrical connector having two insulators is complex and costly. (column 1, lines 53-55 and column 2, lines 1-2).

In contrast, the first metal ring of applicant's structure is mounted on an inside wall of the circular socket and the second metal ring and the metal cylinder are mounted respectively on the inside and outside wall of the slot of the plug-in portion, as set forth in amended claim 1. This arrangement of the circular socket and the slot is strong and allows many connections and disconnections. Therefore, the electrical connector structure comprising the circular socket and the slot of the plug portion between the head and the flexible arm as claimed by applicant is durable. Applicant's first and second metal rings are substantially different from the projecting tubular contact (18) and the tubular receiver (26) of Skjervoll and claim 1 as amended is therefore patentably distinct.

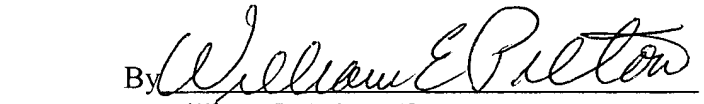
Furthermore, the rotatable head of claim 1 has the second metal ring and the metal cylinder separated by the slot, and the terminal fitting has the first metal ring and the metal pin located separately. Neither requires an additional insulator and therefore, applicant's structure as claimed is simpler than that of Skjervoll. Moreover, the first and second metal rings of claim 1 are different from the projecting tubular contact (18) and the tubular receiver (26) of Skjervoll. Modifying the electrical connector of Skjervoll to that of applicant's claimed invention to improve the strength and simplify the prior structure would have been difficult and not obvious for people skilled in the art at the time. No suggestion for such modification is seen to exist in

the art and the examiner has cited to none.

As a result of the foregoing, applicant submits that claims 1, 4 and 6 are in condition for allowance and such action is respectfully requested. If any points remain in issue, which the Examiner feels would best be resolved by either a personal or a telephone interview, he is urged to contact Applicant's attorney at the exchange listed below.

Dated: February 24, 2005

Respectfully submitted,

By 

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AMENDMENT TO THE DRAWINGS

Fig. 2 has been amended to add a cross sectional line extending through the elements (20, 21, 22, 23).

AMENDMENT TO THE TITLE

Kindly change the title of the invention to read

--Adjustable Lighting Apparatus With A Fully Rotatable Head--.